

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

APSWAN – Rate contract for provision of Horizontal Connectivity - 2/ 4 Mbps links, CAT 6/ OF cable connectivity to Govt. Departments' offices through Andhra Pradesh State Wide Area Network (APSWAN) - Empanelled vendors M/s Tulip Telecom Limited and M/s Sify Limited – Orders - Issued.

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INFORMATION TECHNOLOGY & COMMUNICATION DEPARTMENT  
(Communication Wing)

G.O.Rt.No. 50

Dated:02.04.2012

Read the following:

1. C. No.151/ IT&C Comm/2011/12
2. APTS Tender ref: APTS /IIP/APSWAN-HORIZ/959/2011/ Dt 28.7.2011
3. APTS Agreement with M/s Tulip Telecom Limited, dated: 13.03.2012 and M/s Sify limited, dated: 16.03.2012.
4. G. O. Rt. No. 5 , IT&C dept. Dt. 6.01.2011
5. APTS Agreement with M/s TCS for implementation of SWAN on BOOT Model dated 23.9.2009

ORDER

The National e-Governance Plan (NeGP) has identified State Wide Area Network (SWAN) as an element of the core infrastructure for supporting e-Governance initiatives of the Government and provide G2C & C2G services.

2. The Government of Andhra Pradesh has established State Wide Area Network (SWAN) through the service provider with M/s.TCS on BOOT model for a period of 5 years vide agreement 5<sup>th</sup> read above as the backbone network for data, voice and video communications throughout the State. SWAN would act as the vehicle for effective implementation of Electronic Governance (e-Governance) across the state.

3. GoAP has various G2C applications based on Departments' operations, specific usage and purpose, for providing services to the citizens. SWAN provides ideal infrastructure for provision:

- A common delivery platform for e-Governance applications.
- A mechanism for fast internal communication.
- Streamline access to services for the citizens and multiply usage.

- Support progressively increasing data and applications.
- Facilitate the transfer of information between employees in different locations and to allow them to share common files.
- Provide a secure and reliable channel to transfer data across locations.

4. The entire APSWAN is logically divided into two network segments.

1. Vertical Segment 2. Horizontal Segment

The vertical segment of APSWAN is composed of a total of 1112 PoPs spread across the state. These PoPs are classified as

- i) 1 SHQ PoP                      ii) 23 DHQ PoPs                      iii) 1088 MHQ PoPs

Under the vertical segment of the APSWAN, SHQ PoP is linked with all the DHQ PoPs using point to point (PTP) 8Mbps band width and each DHQ PoP is linked with all the respective MHQ PoPs over point to point (PTP) 2Mbps band width. The service provider for the same is M/s.BSNL and is in place.

5. Under Horizontal segment, offices of various Government Departments spread across the state would be provided connectivity with APSWAN using Wired / wireless and if need be there, LAN, LAN Extenders based on the distance from the nearest Point of Presence (POP) of the APSWAN from the proposed office to be connected. APTS on the request of IT&C dept has floated a tender for identifying Service providers for provision of Horizontal connectivity for Govt. Dept offices spread across the State to SWAN vide reference 2<sup>nd</sup> read above and selected M/s Tulip Telecom Limited and M/s Sify Limited for provision of the same. APTS has entered into rate contract agreement (reference 3<sup>rd</sup> cited above) with M/s Tulip telecom Limited and M/s Sify Limited vide Govt. approval received vide reference 1<sup>st</sup> cited above. These Service providers have to work jointly with the Government offices requiring Band Width connectivity and should provide the same based on the distance of the office from nearest SWAN PoP and co-ordinate with APTS for connecting/ mapping between APSWAN PoP and various Departmental offices. M/s Tulip telecom Limited and M/s Sify Limited have to co-ordinate with the other Agencies of the Project such as the Operating Agency (TCS) and various Government Departments, having requirement of having connectivity to SWAN and APTS for commissioning of the Horizontal Connectivity of the Govt. office to the SWAN.

6. The Rate contract details for provision of connectivity based on the distance from SWAN PoP

and also for optional items that are to be required at remote offices Viz., Router, Switch and UPS are as given below :

i)

Connectivity description	Unit price inclusive of all taxes with one year warranty	Service providers
Type-I <b>Ethernet</b> connectivity: CAT 6 UTP with casing and connectors for connecting with in 100 mtrs	Rs 2650/-	M/s. Tulip Telecom Limited
<b>Type-2-Optical Fiber Connectivity:</b> OF 6 core cable single mode cable outdoor cable including laying with OF media Converter and accessories (Patch chords, LIU, terminations, connectors for 6 core cable) – for connecting between 100 to 500 mtrs.	Rs 33,000/-	M/s. Tulip Telecom Limited  And  M/s. Sify Limited
Optional Item: <b>Router</b> :2-Port WAN interface and 2 port LAN interface(10/100) with SNMP support at remote office	Rs.4500/-	
Optional item: <b>Switch</b> :8 Port switch (10/100)with SNMP support at remote office	Rs.4950/-	
Optional Item: UPS – 1000va True Online with 60 Minutes backup at remote office	Rs.17,000/-	

ii) For connecting offices /remote location above 500 mtrs

Band width	Service provider	Districts allotted under Zones		Annual Rental Per Link Inclusive of All Taxes
<b>2Mbps link</b>	M/s. Tulip Telecom Limited	<b>Zone A:</b> 1.Srikakulam 2. Vizianagaram 3. Visakapatnam 4. East Godavari 5. West Godavari 6. Krishna 7. Khammam	<b>Zone-C</b> 1. PS District ( Nellore ) 2. Prakasam 3. Guntur 4. Nalgonda 5. R.R.District	Rs. 13,243.20/-.

		8. Adilabad 9. Nizamabad 10. Karimnagar 11. Warangal		
	M/s. Sify Limited	<b>Zone-B</b> 1. Chittoor 2.( Kadapa)YSR 3. Ananthapur 4. Kurnool 5. Mahaboobnagar 6. Medak		Rs. 13,243.20/-.
<b>4 Mbps link</b>	M/s. Sify Limited	<b>Zone A:</b> 1.Srikakulam 2. Vizianagaram 3. Visakapatnam 4. East Godavari 5. West Godavari 6. Krishna 7. Khammam 8. Adilabad 9. Nizamabad 10. Karimnagar 11. Warangal	<b>Zone-B</b> 1. Chittoor 2.( Kadapa)YSR 3. Ananthapur 4. Kurnool 5. Mahaboobnagar 6. Medak	Rs. 16,000.00/-
	M/s Tulip Telecom Limited	<b>Zone-C</b> 1. P S District (Nellore) 2. Prakasam 3. Guntur 4. Nalgonda 5. Ranga .Reddy		Rs. 16,000.00/-

#### 7. Terms and conditions of the rate contract

- These rates are valid for one year from the date of agreement signed by APTS on behalf of IT&C Dept. GoAP vide reference 3 cited above
- The links will be taken for 5 years and rentals will be paid annually.
- The SLA agreement will be as per RFP Document and Agreement entered into with M/s Sify Limited and M/s Tulip Telecom Limited. The Govt. Departments requiring connectivity to SWAN , can have bandwidth from other service providers also other than above provided they offer
  - Annual rentals less than the rate contract
  - Quality of items supplied and SLAs are as per the agreement vide reference 3<sup>rd</sup> cited above.

4. APTS will be processing all the requirements of the Govt. Depts requiring connectivity to APSWAN and will be the Co-ordination agency.
5. This has the approval of Finance vide Fin.U.O. Note .12002/231/E-GAO11/A2/12, dt.21.1.2012

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SANJAY JAJU  
SECRETARY TO GOVERNMENT

To

The Managing Director APTS Ltd., Hyderabad.  
The Accountant General, (A&E), A.P., Hyderabad.  
The Accountant General (Audit), A.P., Hyderabad.  
The Director of Treasuries & Accounts, A.P., Hyderabad.  
The Pay & Accounts officer, Hyderabad.  
The Dy. Pay & Accounts Officer, Secretariat Branch, Hyderabad.  
The Resident Audit Officer, O/O the P.A.O., Hyderabad.  
The Joint Director & DDO, IT&C Department  
M/s Tulip telecom Limited  
M/s Sify Limited  
Copy to:  
Finance (EXPR.GAD-II) Department  
The CMO  
SF/Spare/ED

//FORWARDED:: BY ORDER//

SECTION OFFICER